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# **D. Pharm Exit Exam - 2024**

<b>Course Name</b>	<b>: D. Pharm</b>
<b>Year</b>	<b>: First Year</b>
<b>Subject Name</b>	<b>: Pharmaceutics</b>
<b>Topic Name</b>	<b>: Suppositories</b>

**MULTIPLE CHOICE QUESTION**

1. What are suppositories?

- a) Tablets
- b) Capsules
- c) Solid dosage forms inserted into body orifices
- d) Liquid formulations

**Answer: c)** Solid dosage forms inserted into body orifices

2. ....body orifice is commonly used for the insertion of suppositories?

- a) Mouth
- b) Ear
- c) Rectum
- d) Nose

**Answer: c)** Rectum

3. Suppositories are commonly used for which of the following purposes?

- a) Local action
- b) Systemic action
- c) Both local and systemic actions
- d) None of the above

**Answer: c)** Both local and systemic actions

4. Which of the following is NOT a common type of suppository base?

- a) Cocoa butter
- b) Glycerin
- c) Polyethylene glycol
- d) Paraffin wax

**Answer: b)** Glycerin

5. What is the function of a suppository base?

- a) It provides color to the suppository
- b) It enhances the taste of the medication
- c) It acts as a vehicle for drug delivery
- d) It acts as a preservative

**Answer: c)** It acts as a vehicle for drug delivery

**6.** Which of the following is NOT a route of administration for suppositories?

- a) Oral
- b) Rectal
- c) Vaginal
- d) Nasal

**Answer: a)** Oral

**7.** Suppositories are commonly used for which of the following drugs?

- a) Antacids
- b) Antibiotics
- c) Anti-inflammatory agents
- d) All of the above

**Answer: d)** All of the above

**8.** .....suppository bases is suitable for patients with cocoa butter allergies?

- a) Glycerin
- b) Polyethylene glycol
- c) Paraffin wax
- d) All of the above

**Answer: b)** Polyethylene glycol

**9.** Which of the following is a disadvantage of using suppositories?

- a) Rapid onset of action
- b) Limited absorption
- c) Avoidance of first-pass metabolism
- d) High patient acceptance

**Answer: b)** Limited absorption

**10.** Which of the following factors can affect the absorption of drugs from suppositories?

- a) Suppository base
- b) Patient's age
- c) Site of insertion
- d) All of the above

**Answer: d)** All of the above

11. Which of the following is NOT a common shape of suppositories?

- a) Cone
- b) Cylinder
- c) Sphere
- d) Square

**Answer: d) Square**

12. What is the purpose of using suppositories instead of oral medication?

- a) Faster onset of action
- b) Reduced gastrointestinal irritation
- c) Increased patient compliance
- d) All of the above

**Answer: d) All of the above**

13. ....is the approximate temperature at which cocoa butter melts?

- a) 20°C
- b) 37°C
- c) 45°C
- d) 60°C

**Answer: b) 37°C**

14. Which of the following drugs is commonly administered via vaginal suppositories?

- a) Aspirin
- b) Progesterone
- c) Antibiotics
- d) Antacids

**Answer: b) Progesterone**

15. Which of the following is a disadvantage of using polyethylene glycol as a suppository base?

- a) High cost
- b) Poor drug release
- c) Limited compatibility with drugs
- d) All of the above

**Answer: d) All of the above**

16. Which of the following suppositories is NOT intended for rectal administration?

- a) Antiemetic suppository
- b) Laxative suppository
- c) Anti-inflammatory suppository

d) Nasal decongestant suppository

**Answer: d)** Nasal decongestant suppository

**17.** What is the main advantage of using suppositories in pediatric patients?

a) Enhanced taste

b) Ease of administration

c) Avoidance of swallowing difficulties

d) Reduced dosage requirements

**Answer: c)** Avoidance of swallowing difficulties

**18.** .....suppository bases has the highest melting point?

a) Cocoa butter

b) Glycerin

c) Polyethylene glycol

d) Paraffin wax

**Answer: d)** Paraffin wax

**19.** Which of the following is NOT a common method of preparing suppositories?

a) Molding

b) Compression

c) Hand rolling

d) Fusion

**Answer: b)** Compression

**20.** What is the approximate weight range of suppositories for adults?

a) 0.1-0.5 grams

b) 1-2 grams

c) 5-10 grams

d) 20-30 grams

**Answer: a)** 0.1-0.5 grams

**21.** Which of the following drugs is commonly administered via rectal suppositories for antiemetic purposes?

a) Ondansetron

b) Aspirin

c) Paracetamol

d) Ibuprofen

**Answer: a)** Ondansetron

**22.** Common side effect associated with rectal suppositories is:

- a) Nausea
- b) Diarrhea
- c) Rectal irritation
- d) Headache

**Answer: c)** Rectal irritation

**23.** Which of the following is NOT a factor affecting drug release from suppositories?

- a) Suppository size
- b) Suppository shape
- c) Suppository color
- d) Suppository base

**Answer: c)** Suppository color

**24.** Which of the following is an advantage of using suppositories for drug delivery in elderly patients?

- a) Increased risk of swallowing difficulties
- b) Reduced risk of gastrointestinal irritation
- c) Enhanced taste perception
- d) All of the above

**Answer: b)** Reduced risk of gastrointestinal irritation

**25.** Which of the following suppository bases is commonly used for its lubricating properties?

- a) Cocoa butter
- b) Glycerin
- c) Polyethylene glycol
- d) Paraffin wax

**Answer: b)** Glycerin